ABSTRACT OF THE DISCLOSURE

The present light-receiving circuit provides a function capable of adjusting the temperature dependence and the output of the bias supply circuit independently. The light-receiving circuit includes a bias supply circuit, a voltage divider and a temperature compensation circuit that adjusts a division ratio of the voltage divider so as to depend linearly on the temperature. The temperature compensation circuit has a differential amplifier operating in the inverting mode, and a temperature-sensing resistor that connects the inverting input to the output of the differential amplifier. Since the temperature-sensing resistor has a linear dependence on the temperature and is connected as a feedback resistor, the output of the differential amplifier also depend linearly on the temperature.